N	NEW MEXICO OIL CONSERVATION COMMISSION  Santa Fe, New Mexico
30	Santa Fe, New Mexico
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30	
· · · · · · · · · · · · · · · · · · ·	WELL RECORD
	Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper
	agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data
AREA 640 ACRES	by following it with (?). SUBMIT IN TRIPLICATE.
LOCATE WELL CORRECTLY	
Amerada Petroleum Corp	Operator Monument, New Mexico Operator Address
State "W"	Well No. 2 in SW. NB4 of Sec. 30 T. 20
Lease	Monument Field, Lea Coun
N. M. P. M.,	the North line and 1980 feet west of the East line of 30 - 20 - 37
	ease is No. Assignment No.
	, Address
	ee is, Address
	Petroleum Corporation , Address Tulsa, Oklahoma
	y 13, 1937 19 Drilling was completed February 20, 1937
	o States Drilling Co. , Address Dallas, Texas
	p of casing 3526 feet.
The information given is to be ke	cept confidential until 19
	OIL SANDS OR ZONES
No. 1, from 6744.	to 3888 . No. 4, from to
No. 2, from	to No. 5, from to
xo. 3, from	to No. 6, from to
	IMPORTANT WATER SANDS
	inflow and elevation to which water rose in hole.
	tofeet.
	tofeet.
	to feet.
NO. 4. ITOM	
	CASING RECORD
SIZE WEIGHT THREAT	DS MAKE AMOUNT KIND OF CUT & FILLED PERFORATED PURPO
	FROM TO
	nd. L.W. 194'0" Texas Pattern nd. Snls. 2559'6" Beker Bakblu
<del></del>	nd. Smls. 3721'9" Texas Pattern
•	
•	MUDDING AND CEMENTING RECORD
_ :	
SIZE OF SIZE OF HOLE CASING WHERE SET	NO. SACKS T OF CEMENT METHOD USED MUD GRAVITY AMOUNT OF MUD USE
HOLE CASING WHERE SET	
HOLE CASING WHERE SET	NO. SACKS METHOD USED MUD GRAVITY AMOUNT OF MUD USE  BOO Halliburton  Halliburton
HOLE CASING WHERE SET	- 200 Halliburton
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17½ 12½ 210° 11" 8-5/8" 2555°	- 200 Halliburton 600 Halliburton
HOLE CASING WHERE SET  173" 123" 210"  11" 8-5/8" 2555"  7-7/8" 6-5/8" 3710"	- 200 Halliburton  600 Halliburton  100 Halliburton
HOLE CASING WHERE SET  172	200 Halliburton 600 Halliburton 100 Halliburton  PLUGS AND ADAPTERS
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Subscribed and sworn to before me this /2 Monument, New Mexico March 10, 193

done on it so far as can be determined from available records.

## FORMATION RECORD

FROM	то	THICKNESS IN FEET	FORMATION
0	18	18	Cellar and substructure.
18	60	42	Surface rock.
60	134	74	Red beds and shells.
134	215	81	Red bed. Set 12gm csg. At 210° w/ 200 sacks.
215	242	27	Red bed and shelks.
242	<b>35</b> 5	113	Red bed and red rock.
<b>3</b> 55	<b>588</b>	233	Red rock.
<b>58</b> 8	880	292	Red bed and red rock.
880	1048	168	Red rock.
1048	1143	95	Sanhydrite. Top of anhydrite 1048'.
1143	1165	22	Anhydrite and streaks of salt.
<b>116</b> 5	1180	15	anhyd <b>ri</b> te•
1180	1202	22	Anhydrite and streaks of salt.
1202	1224	22	anhydrite.
1224	1240	16	Salt.
1240	2279	1039	Jalt and anhydrite.
2279	2288	9	anhydrite.
2288	2470	182	Anhydrite and salt. Base of salt 2470
2470	2 <b>5</b> 24	154	Anhydrit . Set 2555' of 8-5/8" csg. W/ 600 sacks.
2624	2956	332	Lime and anhydrite. Top of Monument Line 2770.
2956	3018	62	Brown lime.
3018	3120	102	Lime.
3120	3250	130	Broken brown lime. Small gas show 3240'
3250	3314	6 <del>4</del>	Lime.
3314	3341	27	Brown lime.
3341	38 <b>50</b>	509	Lime. Set 3710' of 6-5/8"csg. W/ 100 sacks.
3850	3852	2	Lime.
3852	3879	27	and
3879	<b>38</b> 88	9	Lime.

## Top of pay 3744'.

Total depth 3850 . Broken lime.

Set 3836' of  $2\frac{1}{2}$ " upset tubing. Swabbed dry. Treated with 2000 gallons of Dowell  $\Sigma$ . Acid. Acid started in under 400% on tubing and 1000% on casing. Finished under 1860% on tubing and 2000# on casing. 27 barrels of flush oil went in under 2000# on tubing and casing. Set 6 hours. Swabbed in and after cleaning up in pit, swabbed and flowed approximately 1 barrel oil per hour for approximately 8 hours. Estimated 50,000 (u.ft.

Reacidized w/ 3000 allons of Dowell NX Acid. Acid started in under 1500# on tubin and 1700# on casing. Finished under 1700# on tubing and 1900# on casing. 75 barrel: oil flush went in under 2000 on tubing and casing. Set 6 hours. Swabbed in and flowed 27 barrels the first hour, 24.3 barrels the second hour, 10.8 barrels the thord hour, and 811 barrels the fourth hour. Through 1" open choke on tubing. 5% B.S. er 1 1% water. Gas rate of 1,984,000. Gas oil ratio 10,333.

3888° Total depth after pulling tubing and killing well.

Ran 22" tubing to 3881'. Swabbed well in and it flowed 9g barrels oil on 11 hour test. Daily gas rate of 1,723,000.

Pulled tubing and re-run with packer. Set macker.at 3815 w/ perforations belim. Acidized w/ 2000 gallons Dowell XX W acid. Acid started in under Vacumn on tubing acid. finished under 350# on tubing. 27 barrels of flush finished under  $700\pi$  on tubing. 1250 $\frac{\pi}{\pi}$  on casing built up to 1350 $\frac{\pi}{\pi}$  after flush. Set 3 hours. Swabbed in and flowed

8.1 barrels oil on 12 hour test. Daily gas rate of 5,800,000. Killed well and pulled tubing and packer. Set packer at 3809 w/ perforations below. \$wabbed dry. Acidized w/ 6000 gallons of Dowell EX W acid. Acid started in under 300# on tubing and 360# on casing. Finished under 1100# on tubing and 1400# o casing. 24 barrels of flush oil went in under 1400# on tubingaand casing. Set 1 > ar.

Well made 2 barrels oil per four on 8 hour test. Swabbing. Very little gas. 20 hours production 65 barrels. Fulling swab appreximately 5 times each hour.

3/2/37

edized w/ 4000 gallons of Dowell XX acid. Went in under Vacumn. 100 barrads of flush started in under 700% on tubing and 700% on casing. Finished under 1380% of tubing and 1440, on casing. 63 barrels of flust oil pumped in casing while treatm. Set 2 hours. Swabbed 105 barrels oil on 11 hour test. Hourly average of  $9\frac{1}{2}$  barrels.

Killed well and pu led tubing and packer. Re-run tubing with-out the actor. et tubing at 3837'. Swab ed in and flowed in pit to clean up.

ell flowed 4 barrels cil per hour on 24 hour test. 1% B. . & Water. Daily rate of 1,000,000.

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